CAPS Survey Report

Year:	2014
State:	Kansas
Cooperative Agreement Name:	Soybean Commodity Survey
Cooperative Agreement Number:	14-8420-1227-CA
Project Funding Period:	March 1, 2014 – February 28, 2015
Project Report:	CAPS Survey Report
Project Document Date:	March 1, 2014 – February 28, 2015
Cooperators Project Coordinator:	Laurinda Ramonda
Name:	Plant Protection and Weed Control
Agency:	Kansas Department of Agriculture
Address:	6531 SE Forbes Avenue, Suite B
City/ Address/ Zip:	Topeka, Kansas 66619
Telephone:	785-564-6698
E-mail:	laurinda.ramonda@kda.ks.gov

Quarterly Report	
Semi-Annual Accomplishment Report	
Annual Accomplishment Report	\boxtimes

A. Write a brief narrative of work accomplished. Compare actual accomplishments to objectives established as indicated in the work plan. When the output can be quantified, a computation of cost per unit is required when useful.*

Participants: Laurinda Ramonda – provide training, supervision and shipping of samples to lab

Greg Chrislip, state entomologist – provide training, supervision and

specimen sorting

Eric La Gasa, Washington State Department of Agriculture, Plant Protection

Division, Olympia, WA – provide specimen identification

Brent Jones – northeast trapping Chance Curran – southeast trapping

- February 20, 2014 Pre-award letter signed with an expiration of May 31, 2014
- June 2, 2014 Northeast trapping began
- June 3, 2014 Southeast trapping began
- May 29, 2014 Cooperative agreements were signed
- July 1, 2014 44 moths were sent to the Washington Department of Agriculture 4 traps with 21 moths for silver y moth and 5 traps with 18 moths for old world bollworm.
 July 9, 2014 No targets detected.
- July 17, 2014 7,489 moths were sent to the Washington Department of Agriculture 72 traps with 7,489 moths for old world bollworm. September 24, 2014 No targets detected.
- July 23, 2014 3,999 moths were sent to the Washington Department of Agriculture 77 traps with 3,909 moths for old world bollworm and 15 traps with 90 moths for Egyptian cottonworm. September 24, 2014 No targets detected.
- July 30, 2014 770 moths were sent to the Washington Department of Agriculture 16 traps with 746 moths for old world bollworm and 6 traps for 24 Egyptian cottonworm.
 September 24, 2014 No targets detected.
- August 14, 2014 2,195 moths sent to Washington Department of Agriculture 44 traps for old world bollworm. November 24, 2014 No targets detected.
- August 19, 2014 1,313 moths were sent to the Washington Department of Agriculture 35 traps with 1,311 moths for old world bollworm and 1 trap with 2 moths for Egyptian cottonworm. September 24, 2014 No targets detected.
- August 26, 2014 –2,253 moths were sent to the Washington Department of Agriculture –
 41 traps with 2,236 moths for old world bollworm and 3 traps with 17 moths for silver y
 moth. October 30, 2014 No targets detected.
- September 3, 2014 3,817 moths were sent to the Washington Department of Agriculture – 71 traps with 3,757 moths for old world bollworm, 2 traps with 52 moths for Egyptian cottonworm and 1 trap with 8 moths for silver y moth. – October 30, 2014 – No targets detected.
- September 15, 2014 2,497 moths were sent to the Washington Department of Agriculture – 42 traps with 2,424 moths for old world bollworm, 9 traps with 36 Egyptian cottonworm, 4 traps for silver y moth and 1 trap for golden twin spot moth.
 October 30, 2014 – No targets detected.

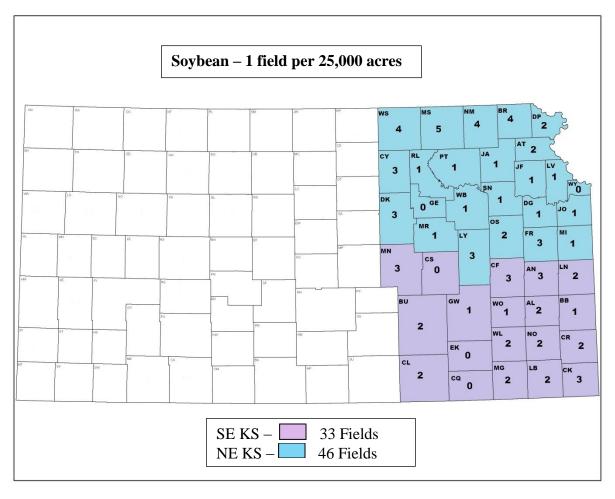
- September 18, 2014 1,721 moths were sent to the Washington Department of Agriculture – 42 traps with 1,632 moths for old world bollworm, 7 traps with 55 moths for Egyptian cottonworm and 4 traps with 34 moths for silver y moth. – November 24, 2014 – No targets detected.
- September 25, 2014 All traps removed
- October 7, 2014 2,164 817 moths were sent to the Washington Department of Agriculture – 76 traps with 1,866 moths for old world bollworm, 19 traps with 292 moths for silver y moth and 5 traps with 6 moths for Egyptian cottonworm. – November 24, 2014 – No targets detected.

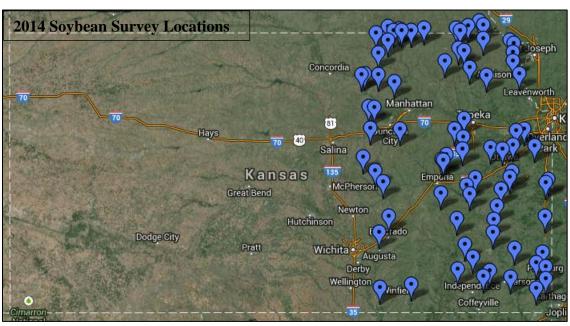
Funding Amount	Funding Amount	Total Number of	Cost Per Unit
(USDA)	(KDA)	Traps	
Proposed = \$37,336	Proposed = \$3,741	Proposed = 395	Proposed = \$103.99
Actual = \$37,336	Actual = \$3,741	Actual = 395	Actual = \$ 103.99

1. <u>Survey methodology (trapping protocol)</u>:

	Common Name	Scientific Name	
Pest:	Summer fruit tortrix	Adoxophyes orana	
	Silver y moth	Autographa gamma	
	Golden twin-spot moth	Chrysodeixis calcites	
	Old world bollworm	Helicoverpa armigera	
	Egyptian cottonworm	Spodoptera littoralis	

	Proposed	Actual			
Sites (Locations):	79	79			
Traps:	395	395			
Number of Counties:	38	38			
Counties:	Allen, Anderson, Atchison,	Allen, Anderson, Atchison,			
	Bourbon, Brown, Butler,	Bourbon, Brown, Butler,			
	Cherokee, Clay, Coffey, Cowley,	Cherokee, Clay, Coffey, Cowley,			
	Crawford, Dickinson, Doniphan,	Crawford, Dickinson, Doniphan,			
	Douglas, Franklin, Greenwood,	Douglas, Franklin, Greenwood,			
	Jackson, Jefferson, Johnson,	Jackson, Jefferson, Johnson,			
	Labette, Leavenworth, Linn,	Labette, Leavenworth, Linn,			
	Lyon, Marion, Marshall, Miami,	Lyon, Marion, Marshall, Miami,			
	Montgomery, Morris, Nemaha,	Montgomery, Morris, Nemaha,			
	Neosho, Osage, Pottawatomie,	Neosho, Osage, Pottawatomie,			
	Riley, Shawnee, Washington,	Riley, Shawnee, Washington,			
	Wabaunsee, Wilson and	Wabaunsee, Wilson and			
	Woodson.	Woodson.			







Drying moths from wet traps



Chewed up sponge in trap for mouse nest (found this on several occasions in bucket traps)

2. Survey dates:

	Proposed	Actual		
Survey Dates:	May – August 2014	June 2, 2014 – September 25, 2014		

3. Benefits and results of survey:

	Positive	Negative	Total Number
Traps	0	395	395

4. <u>Database submissions</u>:

Records Submitted to NAPIS

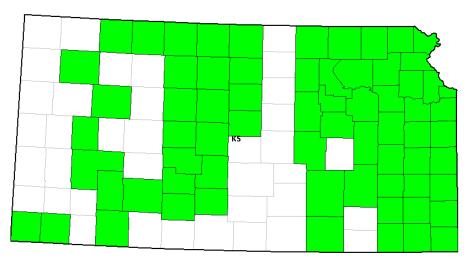
				Total	Positive
Pest	Area	Survey Method	Year	Traps	Traps
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Allen	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Anderson	Pheromone (Paper)	2014	3	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Atchison	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Bourbon	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Brown	Pheromone (Paper)	2014	4	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Butler	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Cherokee	Pheromone (Paper)	2014	3	0

	1	1		1	
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Clay	Pheromone (Paper)	2014	3	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Coffey	Pheromone (Paper)	2014	3	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Cowley	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Crawford	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Dickinson	Pheromone (Paper)	2014	3	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Doniphan	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Douglas	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -	3	Trap;Delta			·
Adoxophyes orana	KS - Franklin	Pheromone (Paper)	2014	3	0
Summer Fruit Tortrix Moth -		Trap;Delta		-	
Adoxophyes orana	KS - Greenwood	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -	3.00.777000	Trap;Delta		-	
Adoxophyes orana	KS - Jackson	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -	NS JUCKSOIT	Trap;Delta	2014		
Adoxophyes orana	KS - Jefferson	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -	K5 - Jellelson	Trap;Delta	2014	т	0
Adoxophyes orana	KS - Johnson	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -	K3 - JOHNSON	Trap;Delta	2014	1	U
Adoxophyes orana	KS - Labette	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -	KS - Labette	Trap;Delta	2014		0
	Leavenworth	• •	2014	1	0
Adoxophyes orana Summer Fruit Tortrix Moth -	Leavenworth	Pheromone (Paper)	2014	1	0
	VC Linn	Trap;Delta	2014	2	0
Adoxophyes orana	KS - Linn	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -	1/6 1	Trap;Delta	204.4	2	0
Adoxophyes orana	KS - Lyon	Pheromone (Paper)	2014	3	0
Summer Fruit Tortrix Moth -	LC 14 :	Trap;Delta	2011	•	
Adoxophyes orana	KS - Marion	Pheromone (Paper)	2014	3	0
Summer Fruit Tortrix Moth -		Trap;Delta			_
Adoxophyes orana	KS - Marshall	Pheromone (Paper)	2014	5	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Miami	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -	KS -	Trap;Delta			
Adoxophyes orana	Montgomery	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Morris	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Nemaha	Pheromone (Paper)	2014	4	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Neosho	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -	KS - Osage	Trap;Delta	2014	2	0
	<u>. </u>				

Adoxophyes orana		Pheromone (Paper)			
Summer Fruit Tortrix Moth -	KS -	Trap;Delta			
Adoxophyes orana	Pottawatomie	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Riley	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Shawnee	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Wabaunsee	Pheromone (Paper)	2014	1	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Washington	Pheromone (Paper)	2014	4	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Wilson	Pheromone (Paper)	2014	2	0
Summer Fruit Tortrix Moth -		Trap;Delta			
Adoxophyes orana	KS - Woodson	Pheromone (Paper)	2014	1	0
REPORT TOTAL				79	0

Summer Fruit Tortix Moth / Adoxophyes orana
(01/01/2014 - 11/24/2014)
in Kansas
Data retrieved from NAPIS on Mon Nov 24 2014 14:18:48 GMT-0600 (Central Standard Time)





* Includes counties from Exotic Oak Pest survey

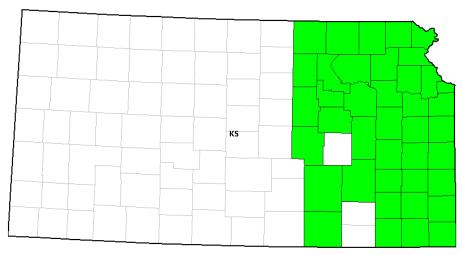
This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ. Data is based on survey observation by calendar year. CERIS does not certify the accuracy or completeness of this map.

Pest Area Survey Method Year Traps Traps				V	Total	Positive
gamma KS - Allen (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Anderson (Unitrap) 2014 3 0 Silver Y Moth - Autographa (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Atchison (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Bourbon (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Brown (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Brown (Unitrap) 2014 4 0 Silver Y Moth - Autographa gamma KS - Brown (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Brown (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Brown (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cherokee (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Comley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Comley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Comley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Joniphan (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Auto		Area	·	Year	iraps	raps
Silver Y Moth - Autographa gamma	• .	VS Allon	• *	2014	2	0
gammaKS - Anderson(Unitrap)201430Silver Y Moth - Autographa gammaKS - Atchison(Unitrap)201420Silver Y Moth - Autographa gammaKS - BourbonTrap;Plastic Bucket (Unitrap)201410Silver Y Moth - Autographa gammaKS - BourbonTrap;Plastic Bucket (Unitrap)201440Silver Y Moth - Autographa gammaKS - Brown(Unitrap)201440Silver Y Moth - Autographa gammaKS - Butler(Unitrap)201420Silver Y Moth - Autographa gammaKS - Cherokee(Unitrap)201430Silver Y Moth - Autographa gammaKS - Clay(Unitrap)201430Silver Y Moth - Autographa gammaKS - Coffey(Unitrap)201430Silver Y Moth - Autographa gammaKS - Cowley(Unitrap)201430Silver Y Moth - Autographa gammaKS - Cowley(Unitrap)201420Silver Y Moth - Autographa gammaKS - DickinsonTrap;Plastic Bucket (Unitrap)201420Silver Y Moth - Autographa gammaKS - DickinsonTrap;Plastic Bucket0Silver Y Moth - Autographa gammaKS - DoniphanTrap;Plastic Bucket0Silver Y Moth - Autographa gammaKS - DoniphanTrap;Plastic Bucket0Silver Y Moth - Autographa gammaKS - GreenwoodUnitrap)201410Silver Y Mo		K3 - Alleli		2014		U
Silver Y Moth - Autographa gamma KS - Atchison (Unitrap) 2014 2 0 0 Silver Y Moth - Autographa gamma KS - Bourbon (Unitrap) 2014 1 0 0 Silver Y Moth - Autographa gamma KS - Brown (Unitrap) 2014 2 0 0 Silver Y Moth - Autographa gamma KS - Brown (Unitrap) 2014 2 0 0 Silver Y Moth - Autographa gamma KS - Brown (Unitrap) 2014 2 0 0 Silver Y Moth - Autographa gamma KS - Cay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma Leaveworth (Unitrap) 2014 1 0 Silver Y Moth - Autographa Lea	_ ·	VS Andorson	1 '	2014	2	0
gamma KS - Atchison (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Bourbon (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Brown (Unitrap) 2014 4 0 Silver Y Moth - Autographa gamma KS - Butler (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Cherokee (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Comeo (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Comeo (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Comeo (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Comeo (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Comeo (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0		K3 - Alluerson	• • • • • • • • • • • • • • • • • • • •	2014	3	U
Silver Y Moth - Autographa gamma KS - Bourbon (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Butler (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Butler (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS -	_ ·	VS Atchicon	• *	2014	2	0
gammaKS - Bourbon(Unitrap)201410Silver Y Moth - Autographa gammaKS - BrownTrap;Plastic Bucket (Unitrap)201440Silver Y Moth - Autographa gammaKS - Butler(Unitrap)201420Silver Y Moth - Autographa gammaKS - Cherokee(Unitrap)201430Silver Y Moth - Autographa gammaKS - Clay(Unitrap)201430Silver Y Moth - Autographa gammaKS - Coffey(Unitrap)201430Silver Y Moth - Autographa gammaKS - Coffey(Unitrap)201430Silver Y Moth - Autographa gammaKS - Cowley(Unitrap)201420Silver Y Moth - Autographa gammaKS - Cowley(Unitrap)201420Silver Y Moth - Autographa gammaKS - Dickinson(Unitrap)201420Silver Y Moth - Autographa gammaKS - Dickinson(Unitrap)201420Silver Y Moth - Autographa gammaKS - DoniphanTrap;Plastic Bucket (Unitrap)201420Silver Y Moth - Autographa gammaKS - Doniphan(Unitrap)201420Silver Y Moth - Autographa gammaKS - DoniphanTrap;Plastic Bucket (Unitrap)201410Silver Y Moth - Autographa gammaKS - Greenwood(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)20141<		K3 - Attilison		2014		U
Silver Y Moth - Autographa gamma KS - Brown (Unitrap) 2014 4 0 Silver Y Moth - Autographa gamma KS - Butler (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Butler (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cherokee (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa G	_ ·	KS - Rourbon	1 '	2014	1	0
gammaKS - Brown(Unitrap)201440Silver Y Moth - Autographa gammaKS - Butler(Unitrap)201420Silver Y Moth - Autographa gammaKS - Cherokee(Unitrap)201430Silver Y Moth - Autographa gammaKS - Cherokee(Unitrap)201430Silver Y Moth - Autographa gammaKS - Clay(Unitrap)201430Silver Y Moth - Autographa gammaKS - Coffey(Unitrap)201430Silver Y Moth - Autographa gammaKS - Cowley(Unitrap)201420Silver Y Moth - Autographa gammaKS - Crawford(Unitrap)201420Silver Y Moth - Autographa gammaKS - Dickinson(Unitrap)201420Silver Y Moth - Autographa gammaKS - Dickinson(Unitrap)201430Silver Y Moth - Autographa gammaKS - Doniphan(Unitrap)201420Silver Y Moth - Autographa gammaKS - Donighan(Unitrap)201420Silver Y Moth - Autographa gammaKS - Franklin(Unitrap)201410Silver Y Moth - Autographa gammaKS - Greenwood(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gamma		K3 - Bourbon	• • • • • • • • • • • • • • • • • • • •	2014	1	U
Silver Y Moth - Autographa gamma KS - Butler (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Cherokee (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0	• .	KS - Brown	• •	2014	4	0
gammaKS - Butler(Unitrap)201420Silver Y Moth - Autographa gammaKS - Cherokee(Unitrap)201430Silver Y Moth - Autographa gammaKS - Clay (Unitrap)Trap;Plastic Bucket (Unitrap)201430Silver Y Moth - Autographa gammaKS - Coffey (Unitrap)Trap;Plastic Bucket (Unitrap)201430Silver Y Moth - Autographa gammaKS - Cowley (Unitrap)Trap;Plastic Bucket (Unitrap)201420Silver Y Moth - Autographa gammaKS - Crawford (Unitrap)201420Silver Y Moth - Autographa gammaKS - Dickinson (Unitrap)201420Silver Y Moth - Autographa gammaKS - Doilphan (Unitrap)201420Silver Y Moth - Autographa gammaKS - Doilphan (Unitrap)201420Silver Y Moth - Autographa gammaKS - Douglas (Unitrap)Unitrap)201410Silver Y Moth - Autographa gammaKS - Franklin (Unitrap)201410Silver Y Moth - Autographa gammaKS - Greenwood (Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson (Unitrap)201410Silver Y Moth - Autographa gammaKS - Jefferson (Unitrap)201410Silver Y Moth - Autographa gammaKS - Johnson (Unitrap)Trap;Plastic Bucket (Unitrap)201410Silver Y Moth - Autographa ga		K3 - BIOWII		2014	4	U
Silver Y Moth - Autographa gamma KS - Cherokee (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0	• .	KS - Butler	• •	2014	2	0
gamma KS - Cherokee (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Douglas (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0		NS - Butter	• • • • • • • • • • • • • • • • • • • •	2014		0
Silver Y Moth - Autographa gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Douglas (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0	• ,	KS - Charokaa	• '	2014	2	0
gamma KS - Clay (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Douglas (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa Leavenworth (Unitrap) 2014 1 0		KS - CHETOKEE	' '	2014	<u> </u>	0
Silver Y Moth - Autographa gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Douglas (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 2 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 2 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 1 0	• ,	KS - Clay	• •	2014	2	0
gamma KS - Coffey (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Douglas (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 2 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa GS - Trap; Plastic Bucket (Unitrap) 2014 1 0		105 Clay	' '	2017	, ,	U
Silver Y Moth - Autographa gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Douglas (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa	• .	KS - Coffey	• •	2014	3	0
gamma KS - Cowley (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Douglas (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa Leavenworth (Unitrap) 2014 1 0		R5 Correy	• • • • • • • • • • • • • • • • • • • •	2017	,	U
Silver Y Moth - Autographa gamma KS - Crawford (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Douglas (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0		KS - Cowley	• •	2014	2	0
gammaKS - Crawford(Unitrap)201420Silver Y Moth - Autographa gammaKS - DickinsonTrap;Plastic Bucket (Unitrap)201430Silver Y Moth - Autographa gammaKS - DoniphanTrap;Plastic Bucket (Unitrap)201420Silver Y Moth - Autographa gammaKS - Douglas(Unitrap)201410Silver Y Moth - Autographa gammaKS - Franklin(Unitrap)201430Silver Y Moth - Autographa gammaKS - Greenwood(Unitrap)201430Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jefferson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Johnson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201410Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201420Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201420Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201410Silver Y Moth - Autographa gammaLeavenworthTrap;Plastic Bucket (Unitrap)201410		RS COWICY	• • • • • • • • • • • • • • • • • • • •	2014		Ŭ
Silver Y Moth - Autographa gamma KS - Dickinson (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Doniphan (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Douglas (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma Leavenworth (Unitrap) 2014 1 0	• ,	KS - Crawford	• •	2014	2	0
gammaKS - Dickinson(Unitrap)201430Silver Y Moth - Autographa gammaKS - DoniphanTrap;Plastic Bucket (Unitrap)201420Silver Y Moth - Autographa gammaKS - Douglas(Unitrap)201410Silver Y Moth - Autographa gammaKS - Franklin(Unitrap)201430Silver Y Moth - Autographa gammaKS - Greenwood(Unitrap)201430Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jefferson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Johnson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201410Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201420Silver Y Moth - Autographa gammaKS - LabetteTrap;Plastic Bucket (Unitrap)201420Silver Y Moth - Autographa gammaKS - LabetteTrap;Plastic Bucket (Unitrap)201410Silver Y Moth - Autographa gammaTrap;Plastic Bucket (Unitrap)201410		NS Crawiora		2011		
Silver Y Moth - Autographa gamma KS - Doniphan KS - Doniphan KS - Douglas KS - Douglas Trap;Plastic Bucket gamma KS - Douglas KS - Douglas KS - Douglas Trap;Plastic Bucket gamma KS - Franklin (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) 2014 3 0 Trap;Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Silver Y Moth - Autographa gamma KS - Jefferson KS - Jefferson KS - Jefferson KS - Johnson KS - Johnson KS - Johnson KS - Labette Gunitrap Trap;Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette KS - Labette Gunitrap Trap;Plastic Bucket (Unitrap) 2014 1 0 Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (_ ·	KS - Dickinson	• '	2014	3	0
gammaKS - Doniphan(Unitrap)201420Silver Y Moth - Autographa gammaKS - Douglas(Unitrap)201410Silver Y Moth - Autographa gammaKS - Franklin(Unitrap)201430Silver Y Moth - Autographa gammaKS - Greenwood(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jefferson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Johnson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201410Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201420Silver Y Moth - Autographa gammaKS -Trap;Plastic Bucket (Unitrap)201420Silver Y Moth - Autographa gammaKS -Trap;Plastic Bucket (Unitrap)201410Silver Y Moth - Autographa gammaLeavenworth(Unitrap)201410		NO BIONITION		2011		
Silver Y Moth - Autographa gamma KS - Douglas KS - Douglas KS - Douglas KS - Douglas Trap;Plastic Bucket (Unitrap) Z014	• .	KS - Doniphan	• •	2014	2	0
gammaKS - Douglas(Unitrap)201410Silver Y Moth - Autographa gammaKS - Franklin(Unitrap)201430Silver Y Moth - Autographa gammaKS - Greenwood(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jefferson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Johnson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201410Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201420Silver Y Moth - Autographa gammaKS -Trap;Plastic Bucket (Unitrap)201410Silver Y Moth - AutographaKS -Trap;Plastic Bucket (Unitrap)201410Silver Y Moth - AutographaLeavenworth(Unitrap)201410						-
Silver Y Moth - Autographa gamma KS - Franklin (Unitrap) Trap;Plastic Bucket gamma KS - Greenwood (Unitrap) Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) Trap;Plastic Bucket gamma KS - Jefferson (Unitrap) Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) Trap;Plastic Bucket gamma KS - Johnson (Unitrap) Silver Y Moth - Autographa gamma KS - Labette (Unitrap) Silver Y Moth - Autographa gamma KS - Labette (Unitrap) Trap;Plastic Bucket gamma KS - Labette (Unitrap) Silver Y Moth - Autographa gamma KS - Labette (Unitrap) Silver Y Moth - Autographa gamma KS - Labette (Unitrap) Silver Y Moth - Autographa gamma KS - Labette Trap;Plastic Bucket gamma Trap;Plastic Bucket gamma Trap;Plastic Bucket Gunitrap) Trap;Plastic Bucket Trap;Plastic Bucket gamma Trap;Plastic Bucket gamma Trap;Plastic Bucket gamma Trap;Plastic Bucket gamma Trap;Plastic Bucket Gunitrap) Trap;Plastic Bucket Trap;Plastic Bucket Gunitrap)	_ ·	KS - Douglas		2014	1	0
gammaKS - Franklin(Unitrap)201430Silver Y Moth - Autographa gammaKS - Greenwood(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jefferson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jefferson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Johnson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201420Silver Y Moth - Autographa gammaKS - LeavenworthTrap;Plastic Bucket (Unitrap)201410Silver Y Moth - AutographaKS - LeavenworthTrap;Plastic Bucket (Unitrap)201410Silver Y Moth - AutographaTrap;Plastic BucketTrap;Plastic BucketSilver Y Moth - AutographaTrap;Plastic BucketTrap;Plastic Bucket		ine stangent	• • • • • • • • • • • • • • • • • • • •			-
Silver Y Moth - Autographa gamma KS - Greenwood (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket gamma KS - Jackson (Unitrap) Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket gamma KS - Jefferson (Unitrap) Trap;Plastic Bucket gamma KS - Johnson (Unitrap) Trap;Plastic Bucket gamma KS - Johnson (Unitrap) Trap;Plastic Bucket gamma KS - Labette (Unitrap) Silver Y Moth - Autographa gamma KS - Labette (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Silver Y Moth - Autographa Gamma KS - Labette (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket Gamma Trap;Plastic Bucket Gamma Trap;Plastic Bucket	• .	KS - Franklin	• •	2014	3	0
gammaKS - Greenwood(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jackson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Jefferson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Johnson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Johnson(Unitrap)201410Silver Y Moth - Autographa gammaKS - Labette(Unitrap)201420Silver Y Moth - Autographa gammaKS -Trap;Plastic Bucket (Unitrap)201410Silver Y Moth - AutographaKS -Trap;Plastic Bucket (Unitrap)201410Silver Y Moth - AutographaTrap;Plastic BucketTrap;Plastic Bucket0					_	-
Silver Y Moth - Autographa gamma KS - Jackson (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket gamma KS - Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket gamma Trap;Plastic Bucket gamma Trap;Plastic Bucket Trap;Plastic Bucket Silver Y Moth - Autographa Trap;Plastic Bucket Trap;Plastic Bucket Trap;Plastic Bucket	• ,	KS - Greenwood	• '	2014	1	0
gamma KS - Jackson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma Leavenworth (Unitrap) 2014 1 0 Silver Y Moth - Autographa Gamma Leavenworth (Unitrap) 2014 1 0			• • • • • • • • • • • • • • • • • • • •			-
Silver Y Moth - Autographa gamma KS - Jefferson Clunitrap Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket Trap;Plastic Bucket Trap;Plastic Bucket Trap;Plastic Bucket Trap;Plastic Bucket Trap;Plastic Bucket	_ ·	KS - Jackson	• *	2014	1	0
gamma KS - Jefferson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa KS - Trap;Plastic Bucket gamma Leavenworth (Unitrap) 2014 1 0 Silver Y Moth - Autographa Trap;Plastic Bucket			• • • • • • • • • • • • • • • • • • • •			
Silver Y Moth - Autographa gamma KS - Johnson (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket gamma KS - Labette (Unitrap) Silver Y Moth - Autographa gamma KS - Labette (Unitrap) Trap;Plastic Bucket (Unitrap) Trap;Plastic Bucket gamma Leavenworth (Unitrap) Trap;Plastic Bucket Trap;Plastic Bucket Trap;Plastic Bucket Trap;Plastic Bucket		KS - Jefferson	• •	2014	1	0
gamma KS - Johnson (Unitrap) 2014 1 0 Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa KS - Trap;Plastic Bucket gamma Leavenworth (Unitrap) 2014 1 0 Silver Y Moth - Autographa Trap;Plastic Bucket			• • • • • • • • • • • • • • • • • • • •			
Silver Y Moth - Autographa gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa KS - Trap;Plastic Bucket gamma Leavenworth (Unitrap) 2014 1 0 Silver Y Moth - Autographa Trap;Plastic Bucket	• .	KS - Johnson	• '	2014	1	0
gamma KS - Labette (Unitrap) 2014 2 0 Silver Y Moth - Autographa gamma KS - Trap;Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa Trap;Plastic Bucket						
Silver Y Moth - Autographa KS - Trap;Plastic Bucket (Unitrap) 2014 1 0 Silver Y Moth - Autographa Trap;Plastic Bucket		KS - Labette	• '	2014	2	0
gamma Leavenworth (Unitrap) 2014 1 0 Silver Y Moth - Autographa Trap;Plastic Bucket						
Silver Y Moth - Autographa Trap;Plastic Bucket	• ,			2014	1	0
	_ ·	KS - Linn	• '	2014	2	0

Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Lyon	(Unitrap)	2014	3	0
Silver Y Moth - Autographa	,	Trap;Plastic Bucket			
gamma	KS - Marion	(Unitrap)	2014	3	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Marshall	(Unitrap)	2014	5	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Miami	(Unitrap)	2014	1	0
Silver Y Moth - Autographa	KS -	Trap;Plastic Bucket			
gamma	Montgomery	(Unitrap)	2014	2	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Morris	(Unitrap)	2014	1	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Nemaha	(Unitrap)	2014	4	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Neosho	(Unitrap)	2014	2	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Osage	(Unitrap)	2014	2	0
Silver Y Moth - Autographa	KS -	Trap;Plastic Bucket			
gamma	Pottawatomie	(Unitrap)	2014	1	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Riley	(Unitrap)	2014	1	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Shawnee	(Unitrap)	2014	1	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Wabaunsee	(Unitrap)	2014	1	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Washington	(Unitrap)	2014	4	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Wilson	(Unitrap)	2014	2	0
Silver Y Moth - Autographa		Trap;Plastic Bucket			
gamma	KS - Woodson	(Unitrap)	2014	1	0
REPORT TOTAL				79	0

Silver Y Moth / Autographa gamma
(01/01/2014 - 11/24/2014)
In Kansas
Data retrieved from NAPIS on Mon Nov 24 2014 14:23:23 GMT-0600 (Central Standard Time)





This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ. Data is based on survey observation by calendar year.

CERIS does not certify the accuracy or completeness of this map.

				Total	Positive
Pest	Area	Survey Method	Year	Traps	Traps
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Allen	Pheromone;Pherocon 1c	2014	2	0
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Anderson	Pheromone;Pherocon 1c	2014	3	0
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Atchison	Pheromone;Pherocon 1c	2014	2	0
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Bourbon	Pheromone;Pherocon 1c	2014	1	0
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Brown	Pheromone;Pherocon 1c	2014	4	0
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Butler	Pheromone;Pherocon 1c	2014	2	0
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Cherokee	Pheromone;Pherocon 1c	2014	3	0
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Clay	Pheromone;Pherocon 1c	2014	3	0
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Coffey	Pheromone;Pherocon 1c	2014	3	0

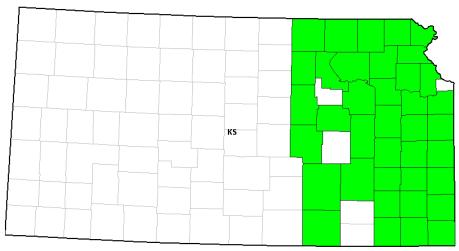
Golden Twin Spot Moth- KS - Cowley			T =			
Golden Twin Spot Moth - Chrysodeixis chalcites KS - Linn Pheromone;Pherocon 1c Trap;Wing Trap	-	KC C		204.4	2	0
Chrysodeixis chalcites Golden Twin Spot Moth- Chrysodeixis chalcites		KS - Cowley	· ·	2014		Ü
Golden Twin Spot Moth-Chrysodeixis chalcites Golden Twin Spot Moth	-	14C C C L	''	2044	•	•
Chrysodeixis chalcites Golden Twin Spot Moth- Chrysodeixis chalcites	•	KS - Crawford	·	2014	2	0
Golden Twin Spot Moth - Chrysodeixis chalcites	•				_	
Chrysodeixis chalcites Golden Twin Spot Moth- Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Dolden Twin Spot Moth- Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Dolden Twin Spot Moth- Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Dolden Twin Spot Moth- Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Dolden Twin Spot Moth- Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Dolden Twin Spot Moth- Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Dolden Twin Spot Moth- Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Dolden Twin Spot Moth-		KS - Dickinson	1	2014	3	0
Golden Twin Spot Moth - Chrysodeixis chalcites	-		• • •			
Chrysodeixis chalcites Golden Twin Spot Moth Chrysodeixis chalcites KS - Linn Frap;Wing Pheromone;Pherocon 1c Frap;Wing Frap		KS - Doniphan		2014	2	0
Golden Twin Spot Moth-Chrysodeixis chalcites KS - Marshall Frap;Wing Fheromone;Pherocon 1c Frap;Wing Fheromo	I		Trap;Wing			
Chrysodeixis chalcites KS - Franklin Pheromone;Pherocon 1c 2014 3 0	Chrysodeixis chalcites	KS - Douglas	Pheromone;Pherocon 1c	2014	1	0
Golden Twin Spot Moth-Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho	Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites Greenwood Golden Twin Spot Moth Chrysodeixis chalcites Golden Twin Spot Moth Chrysodeixi	Chrysodeixis chalcites	KS - Franklin	Pheromone;Pherocon 1c	2014	3	0
Golden Twin Spot Moth-Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c 2014 1 0 Trap;Wing Trap;Wing Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth-Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth-	Golden Twin Spot Moth -	KS -	Trap;Wing			
Chrysodeixis chalcites KS - Jackson Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Jefferson Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Johnson Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Labette Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Linn Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Lyon Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 5 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0	Chrysodeixis chalcites	Greenwood	Pheromone;Pherocon 1c	2014	1	0
Chrysodeixis chalcites KS - Jackson Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Jefferson Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Johnson Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Labette Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Linn Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Lyon Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 5 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0	Golden Twin Spot Moth -		Trap;Wing			
Golden Twin Spot Moth - Chrysodeixis chalcites KS - Jefferson Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Johnson Pheromone;Pherocon 1c 2014 1 0 Trap;Wing Pheromone;Pherocon 1c 2014 1 0 Trap;Wing Pheromone;Pherocon 1c 2014 2 0 Trap;Wing Pheromone;Pherocon 1c 2014 2 0 Trap;Wing Pheromone;Pherocon 1c 2014 2 0 Trap;Wing Pheromone;Pherocon 1c 2014 1 0 Trap;Wing Pheromone;Pherocon 1c 2014 2 0 Trap;Wing Pheromone;Pherocon 1c 2014 2 0 Trap;Wing Pheromone;Pherocon 1c 2014 3 0 Trap;Wing Pheromone;Pherocon 1c 2014 5 0 Trap;Wing Pheromone;Pherocon 1c 2014 5 0 Trap;Wing Pheromone;Pherocon 1c 2014 1 0 Trap;Wing Pheromone;Pherocon 1c 2014 1 0 Trap;Wing Pheromone;Pherocon 1c 2014 1 0 Trap;Wing Pheromone;Pherocon 1c 2014 2 0 Trap;Wing Pheromone;Pherocon 1c 2014 2 0 Trap;Wing Pheromone;Pherocon 1c 2014 1 0 Trap;Wing Pheromone;Pherocon 1c 2014 1 0 Trap;Wing Pheromone;Pherocon 1c 2014 2 0 Trap;Wing Pheromo	•	KS - Jackson		2014	1	0
Chrysodeixis chalcites KS - Jefferson Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Johnson Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Labette Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Labette Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Linn Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Linn Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Lyon Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 5 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Norris Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 1 0	Golden Twin Spot Moth -		Trap;Wing			
Golden Twin Spot Moth - Chrysodeixis chalcites	Chrysodeixis chalcites	KS - Jefferson	Pheromone;Pherocon 1c	2014	1	0
Chrysodeixis chalcites KS - Johnson Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Labette Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites Leavenworth Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Linn Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Linn Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Lyon Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone; Pherocon 1c 2014 5 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites Montgomery Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 1 0			Trap:Wing			
Golden Twin Spot Moth - Chrysodeixis chalcites	•	KS - Johnson		2014	1	0
Chrysodeixis chalcites KS - Labette Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites Leavenworth Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Linn Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Lyon Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone; Pherocon 1c 2014 5 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites Montgomery Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 1 0	· ·					
Golden Twin Spot Moth - Chrysodeixis chalcites Golden Twin Spot Moth - Chrysodeixis chalcites KS - Linn Frap;Wing Pheromone;Pherocon 1c Frap;Wing Fheromone;Pherocon 1c Frap;Wing Fra	•	KS - Labette		2014	2	0
Chrysodeixis chalcites Leavenworth Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Linn Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Lyon Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marshall Pheromone; Pherocon 1c 2014 5 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites Montgomery Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites Pottawatomie Pheromone; Pherocon 1c 2014 1 0			·		_	
Golden Twin Spot Moth - Chrysodeixis chalcites	•			2014	1	0
Chrysodeixis chalcites KS - Linn Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Lyon Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marshall Pheromone; Pherocon 1c 2014 5 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites Montgomery Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0	•	Leavenworth	· ·	2011		
Golden Twin Spot Moth - Chrysodeixis chalcites KS - Lyon Pheromone;Pherocon 1c Pheromon	•	KS - Linn	• • •	201/	2	0
Chrysodeixis chalcites KS - Lyon Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marion Pheromone;Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c 2014 5 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - KS - Miami Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites Montgomery Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Trap;Wing Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Trap;Wing Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap;Wing Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 1 0	•	NO LIIII		2014		
Golden Twin Spot Moth - Chrysodeixis chalcites Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marshall Frap;Wing Chrysodeixis chalcites KS - Marshall Frap;Wing Chrysodeixis chalcites KS - Miami Frap;Wing Chrysodeixis chalcites Montgomery Frap;Wing Chrysodeixis chalcites KS - Morris Frap;Wing Chrysodeixis chalcites KS - Morris Frap;Wing Chrysodeixis chalcites KS - Morris Frap;Wing Chrysodeixis chalcites KS - Nemaha Frap;Wing Chrysodeixis chalcites KS - Nemaha Frap;Wing Chrysodeixis chalcites KS - Nemaha Frap;Wing Chrysodeixis chalcites KS - Neosho Frap;Wing Chrysodeixis chalcites KS - Neosho Frap;Wing Chrysodeixis chalcites KS - Osage Frap;Wing Chrysodeixis chalcites KS - Osage Frap;Wing Chrysodeixis chalcites KS - Osage Frap;Wing Chrysodeixis chalcites Frap;Wing	-	KS - Lyon	''	2014	2	0
Chrysodeixis chalcites KS - Marion Pheromone; Pherocon 1c 2014 3 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marshall Pheromone; Pherocon 1c 2014 5 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - KS - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Trap; Wing Pheromone; Pherocon 1c 2014 1 0	•	K3 - Lyon		2014	3	U
Golden Twin Spot Moth - Chrysodeixis chalcites Golden Twin Spot Moth - Chrysodeixis chalcites KS - Marshall Fheromone;Pherocon 1c Chrysodeixis chalcites KS - Miami Fheromone;Pherocon 1c Frap;Wing Fheromone;Pherocon 1c Frap;Wing Chrysodeixis chalcites Fheromone;Pherocon 1c Frap;Wing Chrysodeixis chalcites Fheromone;Pherocon 1c Frap;Wing Frap;Wing Fheromone;Pherocon 1c Frap;Wing Fheromone;Pherocon 1c Frap;Wing	-	VC Marian		2014	2	0
Chrysodeixis chalcites KS - Marshall Pheromone;Pherocon 1c 2014 5 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites Montgomery Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap;Wing Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 1 0	•	K3 - Marion	·	2014	3	0
Golden Twin Spot Moth - Chrysodeixis chalcites KS - Miami Golden Twin Spot Moth - Chrysodeixis chalcites KS - Golden Twin Spot Moth - Chrysodeixis chalcites Montgomery Pheromone; Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c Chrysodeixis chalcites Chrysodeixis chalcites Chrysodeixis chalcites Pheromone; Pherocon 1c Chrysodeixis chalcites Chrysode	•	I/C Manahall	• • •	2014	-	0
Chrysodeixis chalcites KS - Miami Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - KS - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Trap; Wing Pheromone; Pherocon 1c 2014 1 0		KS - Marshall		2014	5	U
Golden Twin Spot Moth - Chrysodeixis chalcites Montgomery Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Pottawatomie Pheromone; Pherocon 1c 2014 1 0	-	140 141 1		2044	4	•
Chrysodeixis chalcites Montgomery Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Trap; Wing Pheromone; Pherocon 1c 2014 1 0	•		· ·	2014	1	U
Golden Twin Spot Moth - Chrysodeixis chalcites KS - Morris Pheromone;Pherocon 1c Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c Chrysodeixis chalcites	-		''			
Chrysodeixis chalcites KS - Morris Pheromone; Pherocon 1c 2014 1 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Trap; Wing Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Pottawatomie Pheromone; Pherocon 1c 2014 1 0		Montgomery	· ·	2014	2	0
Golden Twin Spot Moth - Chrysodeixis chalcites KS - Nemaha Pheromone;Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c Golden Twin Spot Moth - Chrysodeixis chalcites Pottawatomie Pheromone;Pherocon 1c Chrysodeixis chalcites Chrysodeixis c			''			_
Chrysodeixis chalcites KS - Nemaha Pheromone; Pherocon 1c 2014 4 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Trap; Wing Chrysodeixis chalcites KS - Osage Pheromone; Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Trap; Wing Chrysodeixis chalcites Pottawatomie Pheromone; Pherocon 1c 2014 1 0		KS - Morris	· ·	2014	1	0
Golden Twin Spot Moth - Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c Chrysodeixis chalcites Pheromone;Pherocon 1c Chrysodeixis chalcites Pottawatomie Pheromone;Pherocon 1c Chrysodeixis chalcites Pheromone;Pherocon 1c Chrysodeixis chalcites	•					
Chrysodeixis chalcites KS - Neosho Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Trap;Wing Chrysodeixis chalcites Pottawatomie Pheromone;Pherocon 1c 2014 1 0		KS - Nemaha	· ·	2014	4	0
Golden Twin Spot Moth - Chrysodeixis chalcites KS - Osage Pheromone;Pherocon 1c 2014 2 0 Golden Twin Spot Moth - KS - Trap;Wing Chrysodeixis chalcites Pottawatomie Pheromone;Pherocon 1c 2014 1 0	T					
Chrysodeixis chalcitesKS - OsagePheromone;Pherocon 1c201420Golden Twin Spot Moth - Chrysodeixis chalcitesKS - PottawatomieTrap;Wing Pheromone;Pherocon 1c201410	Chrysodeixis chalcites	KS - Neosho	Pheromone;Pherocon 1c	2014	2	0
Golden Twin Spot Moth - KS - Trap;Wing Chrysodeixis chalcites Pottawatomie Pheromone;Pherocon 1c 2014 1 0	Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites Pottawatomie Pheromone;Pherocon 1c 2014 1 0	Chrysodeixis chalcites	KS - Osage	Pheromone;Pherocon 1c	2014	2	0
	Golden Twin Spot Moth -	KS -	Trap;Wing			
Golden Twin Spot Moth - KS - Riley Trap; Wing 2014 1 0	Chrysodeixis chalcites	Pottawatomie	Pheromone;Pherocon 1c	2014	1	0
	Golden Twin Spot Moth -	KS - Riley	Trap;Wing	2014	1	0

Chrysodeixis chalcites		Pheromone;Pherocon 1c			
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Shawnee	Pheromone;Pherocon 1c	2014	1	0
Golden Twin Spot Moth -	KS -	Trap;Wing			
Chrysodeixis chalcites	Wabaunsee	Pheromone;Pherocon 1c	2014	1	0
Golden Twin Spot Moth -	KS -	Trap;Wing			
Chrysodeixis chalcites	Washington	Pheromone;Pherocon 1c	2014	4	0
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Wilson	Pheromone;Pherocon 1c	2014	2	0
Golden Twin Spot Moth -		Trap;Wing			
Chrysodeixis chalcites	KS - Woodson	Pheromone;Pherocon 1c	2014	1	0
REPORT TOTAL				79	0

Golden Twin Spot Moth / Chrysodeixis chalcites (01/01/2014 - 11/24/2014)

in Kansas
Data retrieved from NAPIS on Mon Nov 24 2014 14:25:03 GMT-0600 (Central Standard Time)





This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ.

Data is based on survey observation by calendar year.

CERIS does not certify the accuracy or completeness of this map.

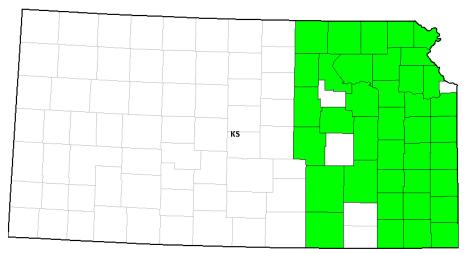
				Total	Positive
Pest	Area	Survey Method	Year	Traps	Traps
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Allen	(Unitrap)	2014	2	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Anderson	(Unitrap)	2014	3	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Atchison	(Unitrap)	2014	2	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Bourbon	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Brown	(Unitrap)	2014	4	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Butler	(Unitrap)	2014	2	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Cherokee	(Unitrap)	2014	3	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Clay	(Unitrap)	2014	3	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Coffey	(Unitrap)	2014	3	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Cowley	(Unitrap)	2014	2	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Crawford	(Unitrap)	2014	2	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Dickinson	(Unitrap)	2014	3	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Doniphan	(Unitrap)	2014	2	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Douglas	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Franklin	(Unitrap)	2014	3	0
Old World Bollworm -	KS -	Trap;Plastic Bucket			
Helicoverpa armigera	Greenwood	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Jackson	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Jefferson	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Johnson	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Labette	(Unitrap)	2014	2	0
Old World Bollworm -	KS -	Trap;Plastic Bucket			
Helicoverpa armigera	Leavenworth	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Linn	(Unitrap)	2014	2	0
Old World Bollworm -	KS - Lyon	Trap;Plastic Bucket	2014	3	0

REPORT TOTAL				79	0
Helicoverpa armigera	KS - Woodson	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Wilson	(Unitrap)	2014	2	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	Washington	(Unitrap)	2014	4	0
Old World Bollworm -	KS -	Trap;Plastic Bucket			
Helicoverpa armigera	Wabaunsee	(Unitrap)	2014	1	0
Old World Bollworm -	KS -	Trap;Plastic Bucket			
Helicoverpa armigera	KS - Shawnee	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Riley	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	Pottawatomie	(Unitrap)	2014	1	0
Old World Bollworm -	KS -	Trap;Plastic Bucket			
Helicoverpa armigera	KS - Osage	(Unitrap)	2014	2	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Neosho	(Unitrap)	2014	2	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Nemaha	(Unitrap)	2014	4	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Morris	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	Montgomery	(Unitrap)	2014	2	0
Old World Bollworm -	KS -	Trap;Plastic Bucket			
Helicoverpa armigera	KS - Miami	(Unitrap)	2014	1	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Marshall	(Unitrap)	2014	5	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera	KS - Marion	(Unitrap)	2014	3	0
Old World Bollworm -		Trap;Plastic Bucket			
Helicoverpa armigera		(Unitrap)			

Old World Bollworm / Helicoverpa armigera
(01/01/2014 - 11/24/2014)
in Kansas

Data retrieved from NAPIS on Mon Nov 24 2014 14:28:36 GMT-0600 (Central Standard Time)





This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ.

Data is based on survey observation by calendar year.

CERIS does not certify the accuracy or completeness of this map.

				Total	Positive
Pest	Area	Survey Method	Year	Traps	Traps
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Allen	(Unitrap)	2014	2	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Anderson	(Unitrap)	2014	3	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Atchison	(Unitrap)	2014	2	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Bourbon	(Unitrap)	2014	1	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Brown	(Unitrap)	2014	4	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Butler	(Unitrap)	2014	2	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Cherokee	(Unitrap)	2014	3	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Clay	(Unitrap)	2014	3	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Coffey	(Unitrap)	2014	3	0

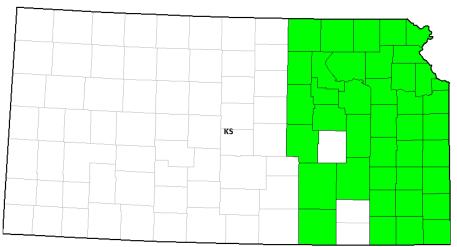
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Cowley	(Unitrap)	2014	2	0
Egyptian Cottonworm -	1.0 00 1110	Trap;Plastic Bucket			
Spodoptera littoralis	KS - Crawford	(Unitrap)	2014	2	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Dickinson	(Unitrap)	2014	3	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Doniphan	(Unitrap)	2014	2	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Douglas	(Unitrap)	2014	1	0
Egyptian Cottonworm -	1.0 2 2 3 8 3 3 2	Trap;Plastic Bucket			
Spodoptera littoralis	KS - Franklin	(Unitrap)	2014	3	0
Egyptian Cottonworm -	KS -	Trap;Plastic Bucket			
Spodoptera littoralis	Greenwood	(Unitrap)	2014	1	0
Egyptian Cottonworm -		Trap;Plastic Bucket	-		
Spodoptera littoralis	KS - Jackson	(Unitrap)	2014	1	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Jefferson	(Unitrap)	2014	1	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Johnson	(Unitrap)	2014	1	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Labette	(Unitrap)	2014	2	0
Egyptian Cottonworm -	KS -	Trap;Plastic Bucket			
Spodoptera littoralis	Leavenworth	(Unitrap)	2014	1	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Linn	(Unitrap)	2014	2	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Lyon	(Unitrap)	2014	3	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Marion	(Unitrap)	2014	3	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Marshall	(Unitrap)	2014	5	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Miami	(Unitrap)	2014	1	0
Egyptian Cottonworm -	KS -	Trap;Plastic Bucket			
Spodoptera littoralis	Montgomery	(Unitrap)	2014	2	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Morris	(Unitrap)	2014	1	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Nemaha	(Unitrap)	2014	4	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Neosho	(Unitrap)	2014	2	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Osage	(Unitrap)	2014	2	0
Egyptian Cottonworm -	KS -	Trap;Plastic Bucket			
Spodoptera littoralis	Pottawatomie	(Unitrap)	2014	1	0
Egyptian Cottonworm -	KS - Riley	Trap;Plastic Bucket	2014	1	0

REPORT TOTAL				79	0
Spodoptera littoralis	KS - Woodson	(Unitrap)	2014	1	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	KS - Wilson	(Unitrap)	2014	2	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis	Washington	(Unitrap)	2014	4	0
Egyptian Cottonworm -	KS -	Trap;Plastic Bucket			
Spodoptera littoralis	Wabaunsee	(Unitrap)	2014	1	0
Egyptian Cottonworm -	KS -	Trap;Plastic Bucket			
Spodoptera littoralis	KS - Shawnee	(Unitrap)	2014	1	0
Egyptian Cottonworm -		Trap;Plastic Bucket			
Spodoptera littoralis		(Unitrap)			

Egyptian Cottonworm / Spodoptera littoralis (01/01/2014 - 11/24/2014) in Kansas

Data retrieved from NAPIS on Mon Nov 24 2014 14:28:07 GMT-0600 (Central Standard Time)





This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ.

Data is based on survey observation by calendar year.

CERIS does not certify the accuracy or completeness of this map.

"Survey in Progress" does not imply that all counties are expected to report.

© 2009-2014 Purdue University. All Rights Reserved.

В. If appropriate, explain why objectives were not met.*

Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000. C.

^{*}indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.51

Approved and signed by		
	Date:	
Cooperator		
	Date:	
ADODR		